

**AMENDMENTS TO THE SPECIFICATION**

Please amend the specification in the paragraph beginning on page 7, line 18 and ending on page 7, line 24 as follows:

A2  
Because the test tube **221** or other container may or may not have a cap ~~239~~ 240 when scanned, a method of detecting and removing cap data can be used in conjunction with the invention. A cap ~~239~~ 240 is detected when both the visible and infrared light readings **223** and **225** fall below prescribed thresholds during the initial portion of the scan. If a cap ~~239~~ 240 is detected, an algorithm may be used to remove the position locations, visible light readings, and infrared light readings associated with the scan of the tube cap.